

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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MR

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Assignee: Aptix Corporation
Title: FIELD PROGRAMMABLE PRINTED CIRCUIT BOARD
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Batch No.: J55 Date Allowed: 3/13/00
Examiner: H. Jones Group Art Unit: 2763
Docket No.: M-1007-6C US



San Jose, California
May 19, 2000

BOX ISSUE FEE

Attn: Official Draftsperson
ASSISTANT COMMISSIONER FOR PATENTS
Washington, D. C. 20231

SUBMISSION OF FORMAL DRAWINGS

Sir:

Enclosed for the above patent application are twenty (20) sheets of formal drawings. The enclosed formal drawings incorporate the changes requested in the preliminary amendment, dated 12 April 1996, to the drawings, and are believed to conform to the PTO Form 948 attached to Paper No. 4. If the enclosures are acceptable, please substitute them for the informal drawings now on file. If there are any questions regarding these drawings, please telephone Applicant's attorney at 408-453-9200, ext. 1371.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on May 19, 2000.

Ronald J. Meetin 19 May 2000
Attorney for Applicant(s) Date of Signature

Respectfully submitted,

Ronald J. Meetin

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Attorney for Applicant(s)
Reg. No. 29,089

FIGURE 1a

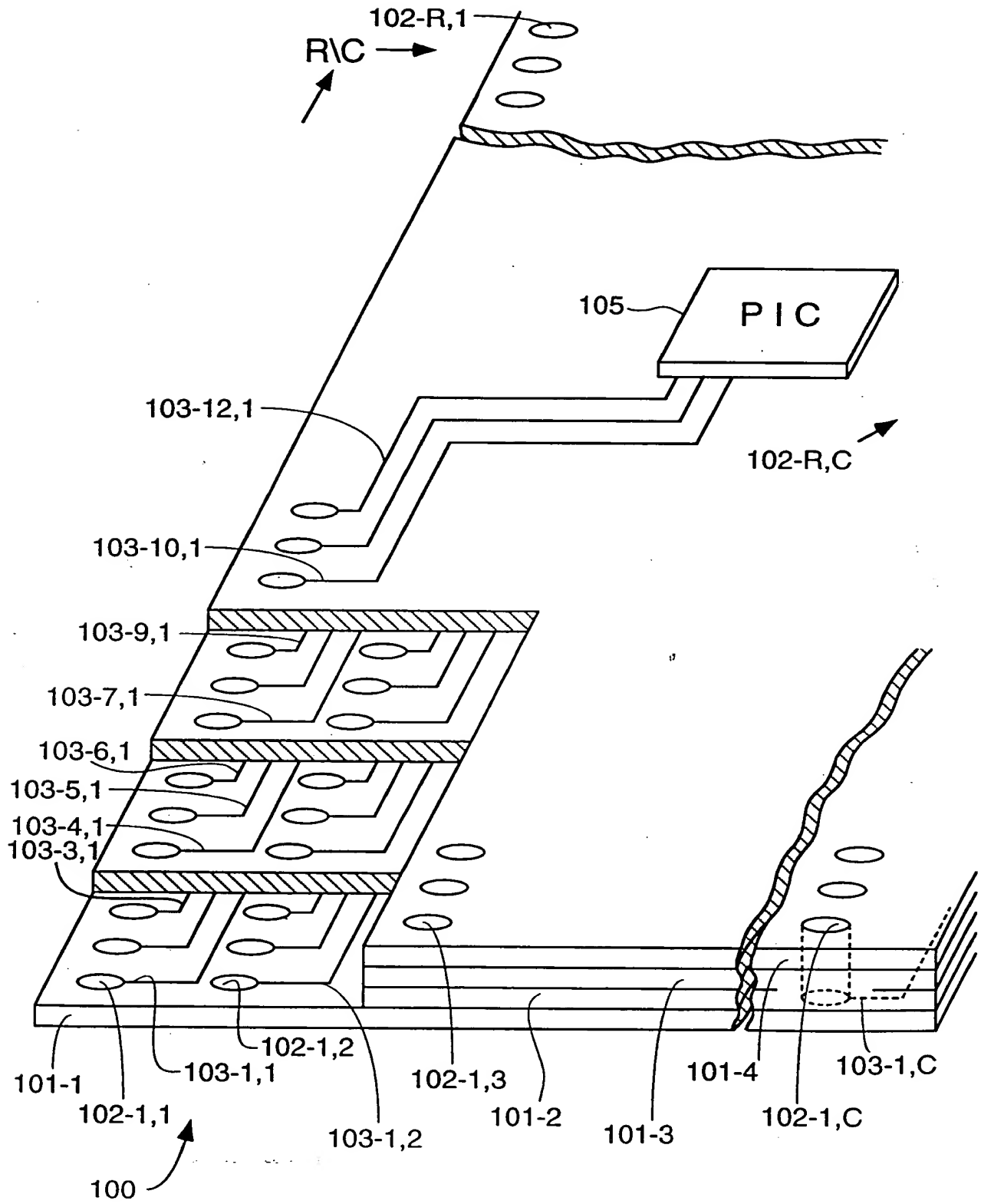
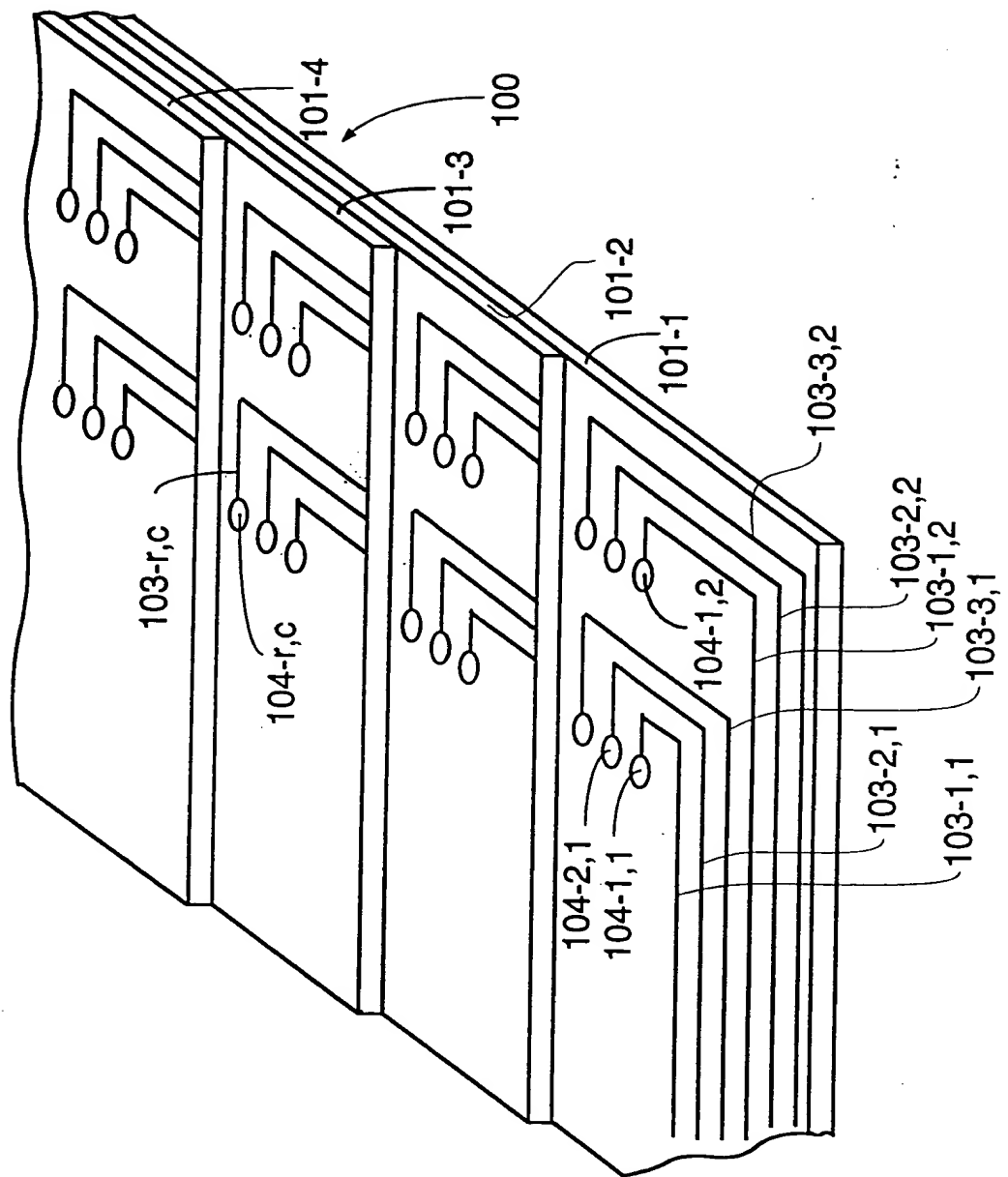


FIGURE 1b



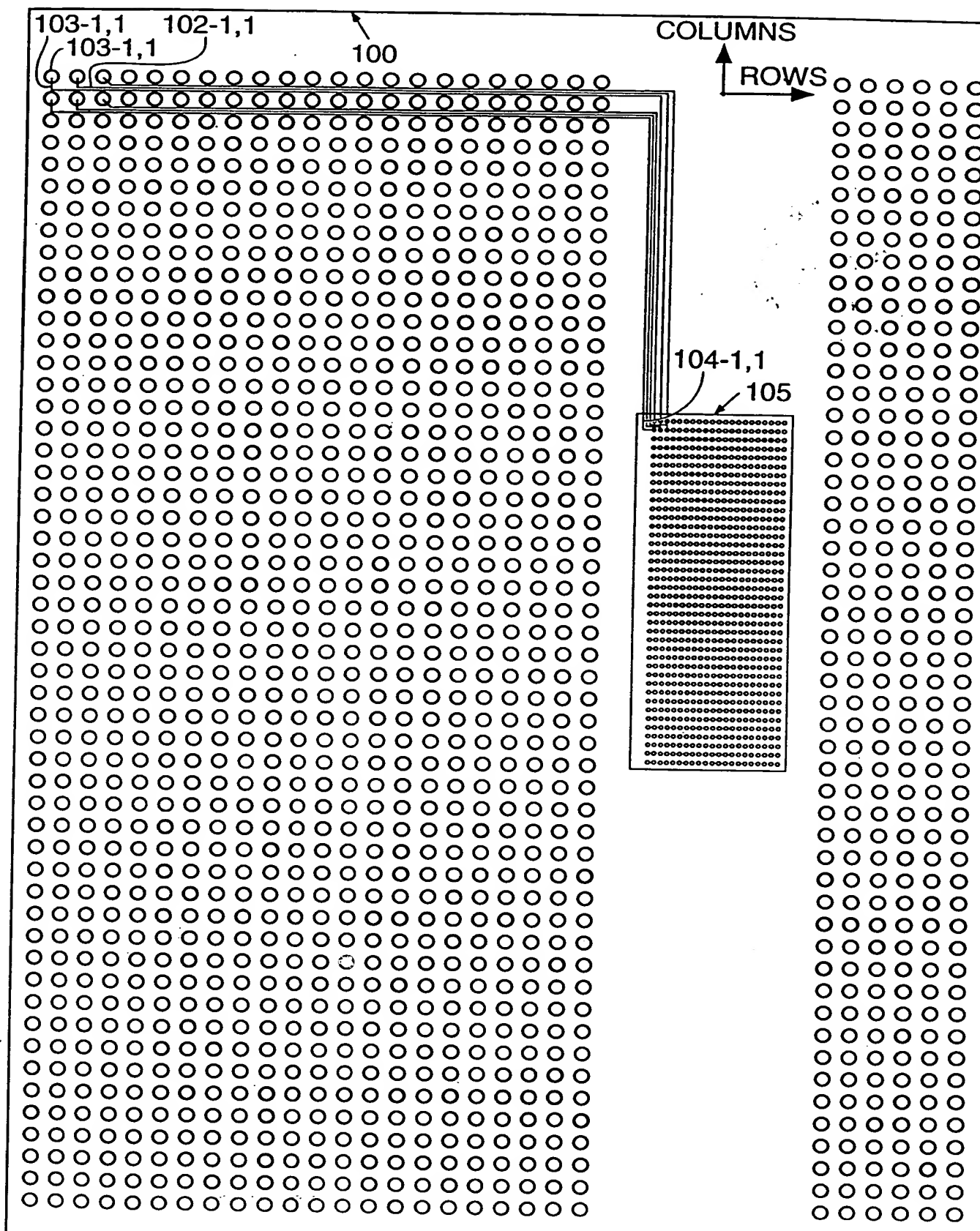


FIGURE 2a

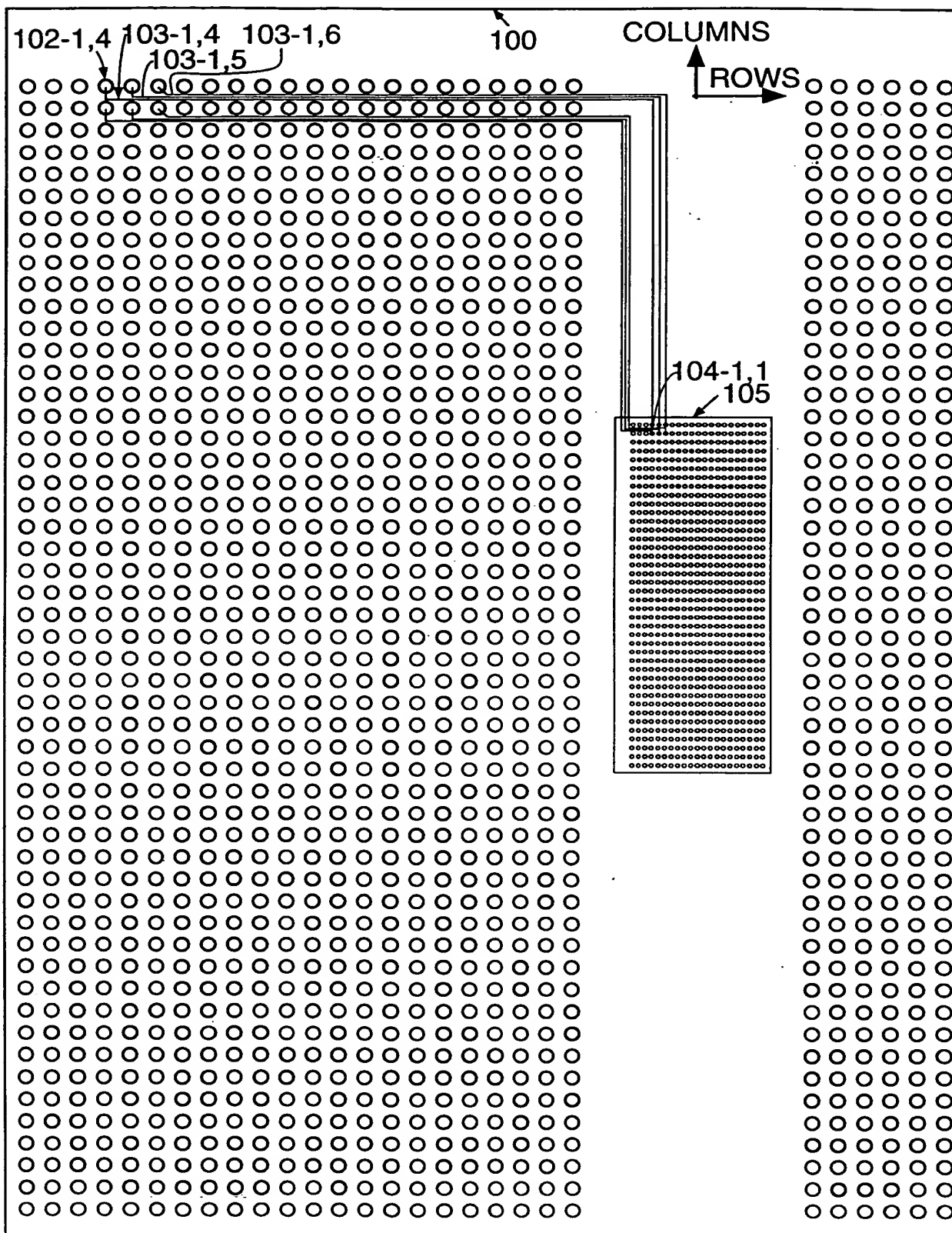


FIGURE 2b

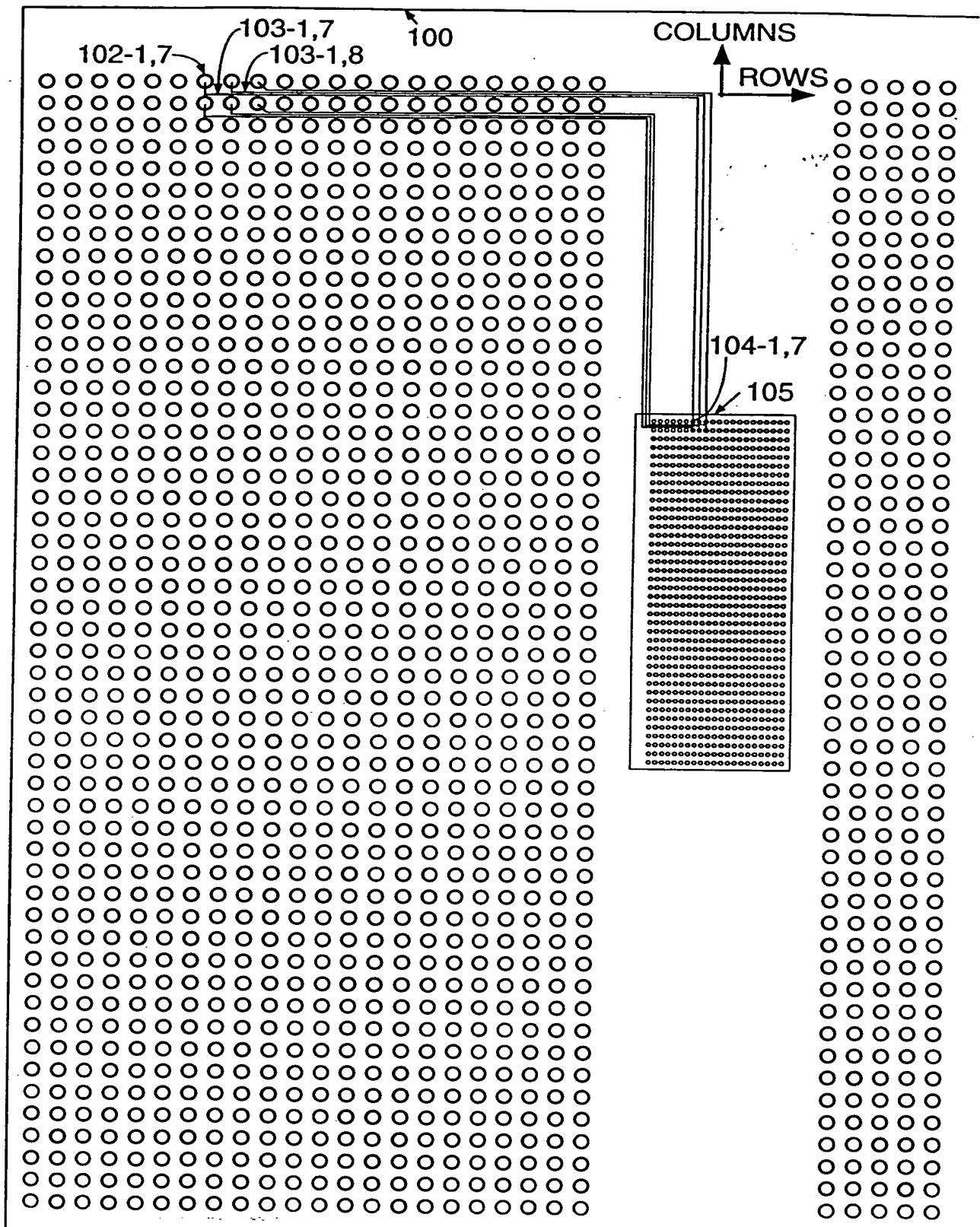


FIGURE 2c

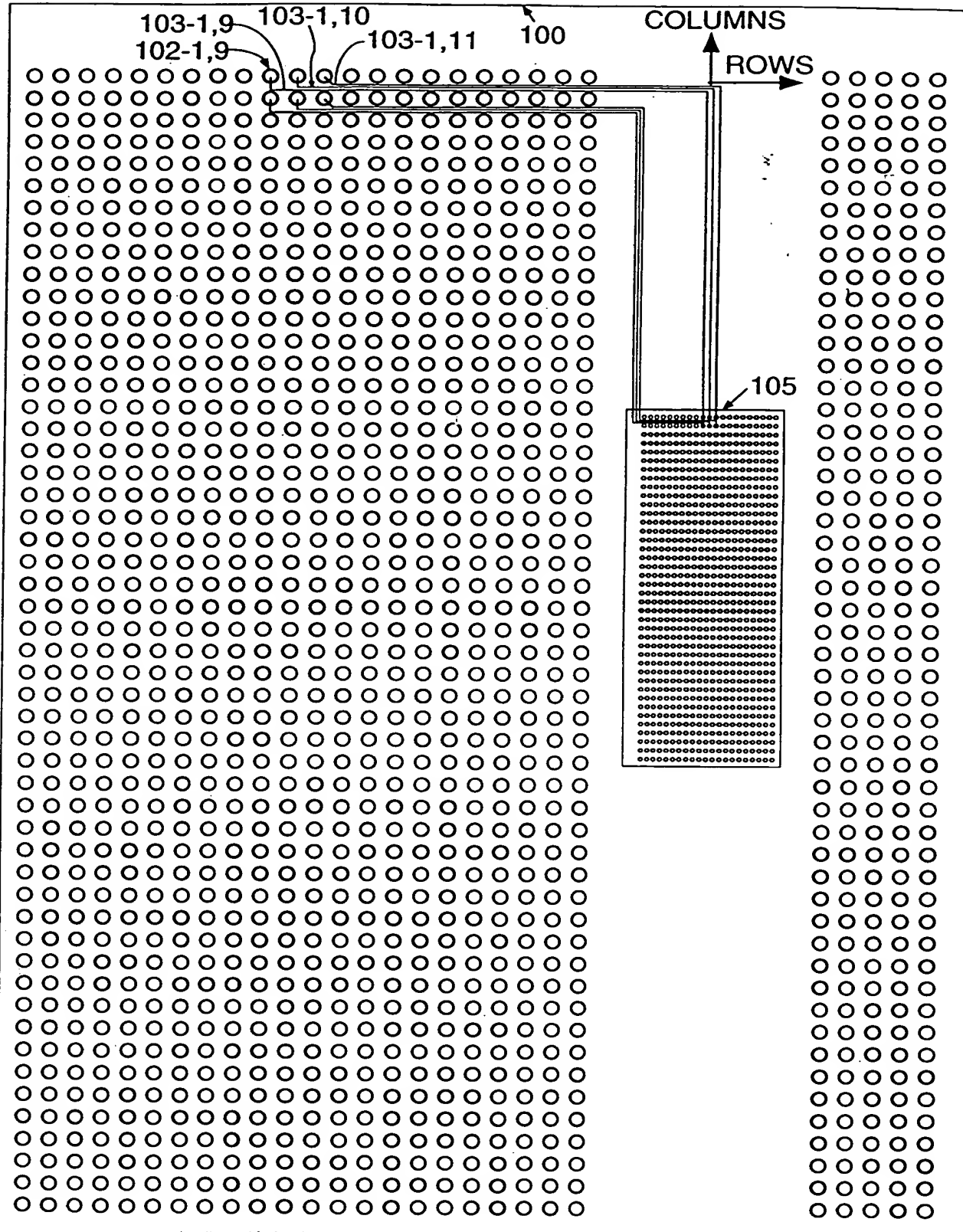


FIGURE 2d

GLOBAL INTERCONNECT ARCHITECTURE

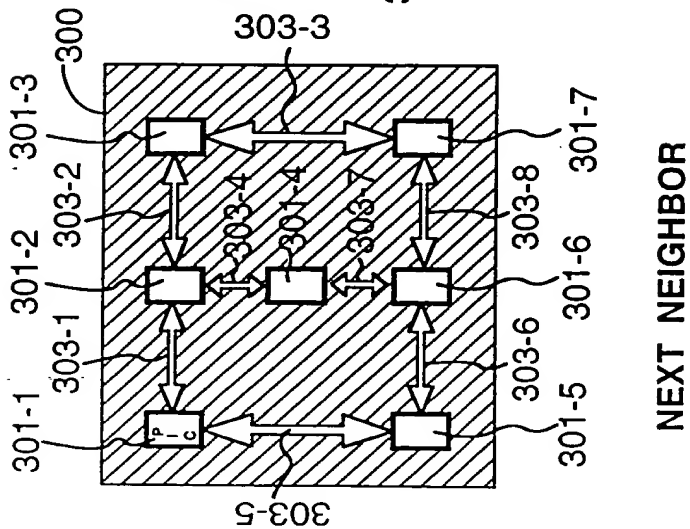


FIGURE 3a

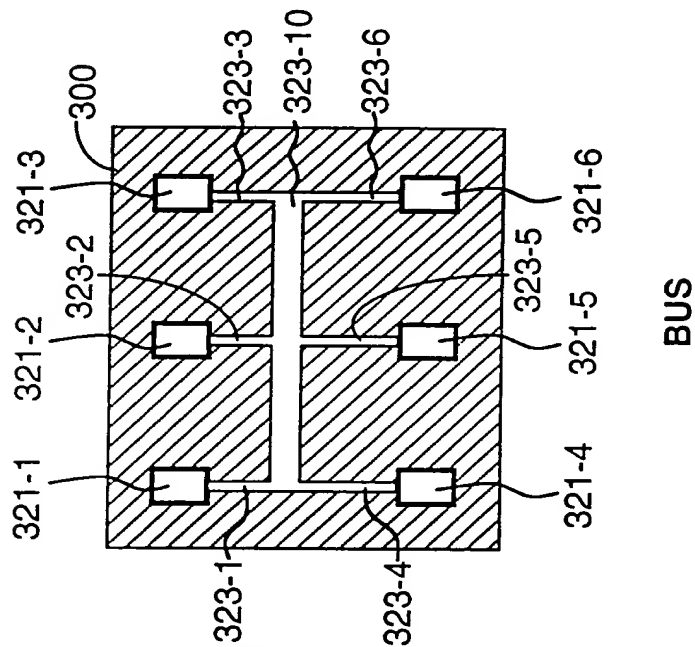


FIGURE 3c

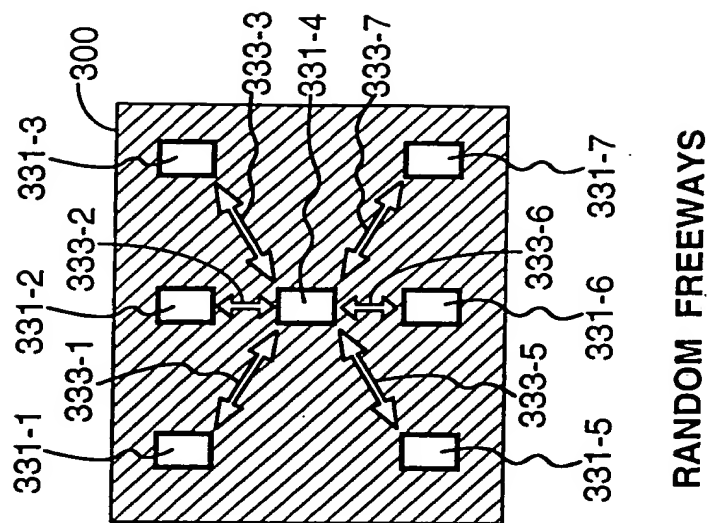


FIGURE 3d

HIERARCHY OF GLOBAL INTERCONNECTS

NEXT NEIGHBOUR

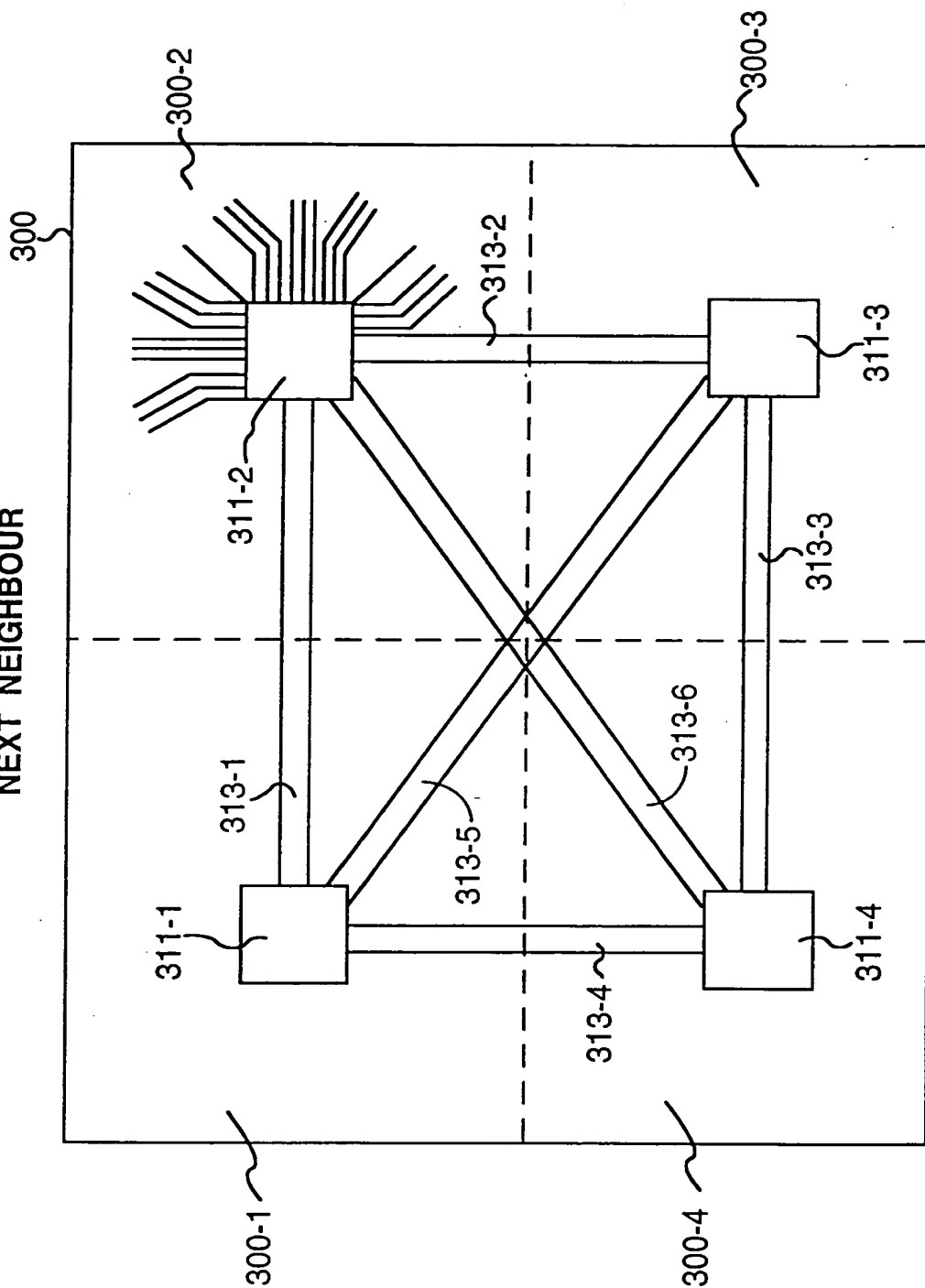


FIGURE 3b

FIELD PROGRAMMABLE PCB

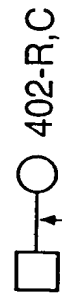
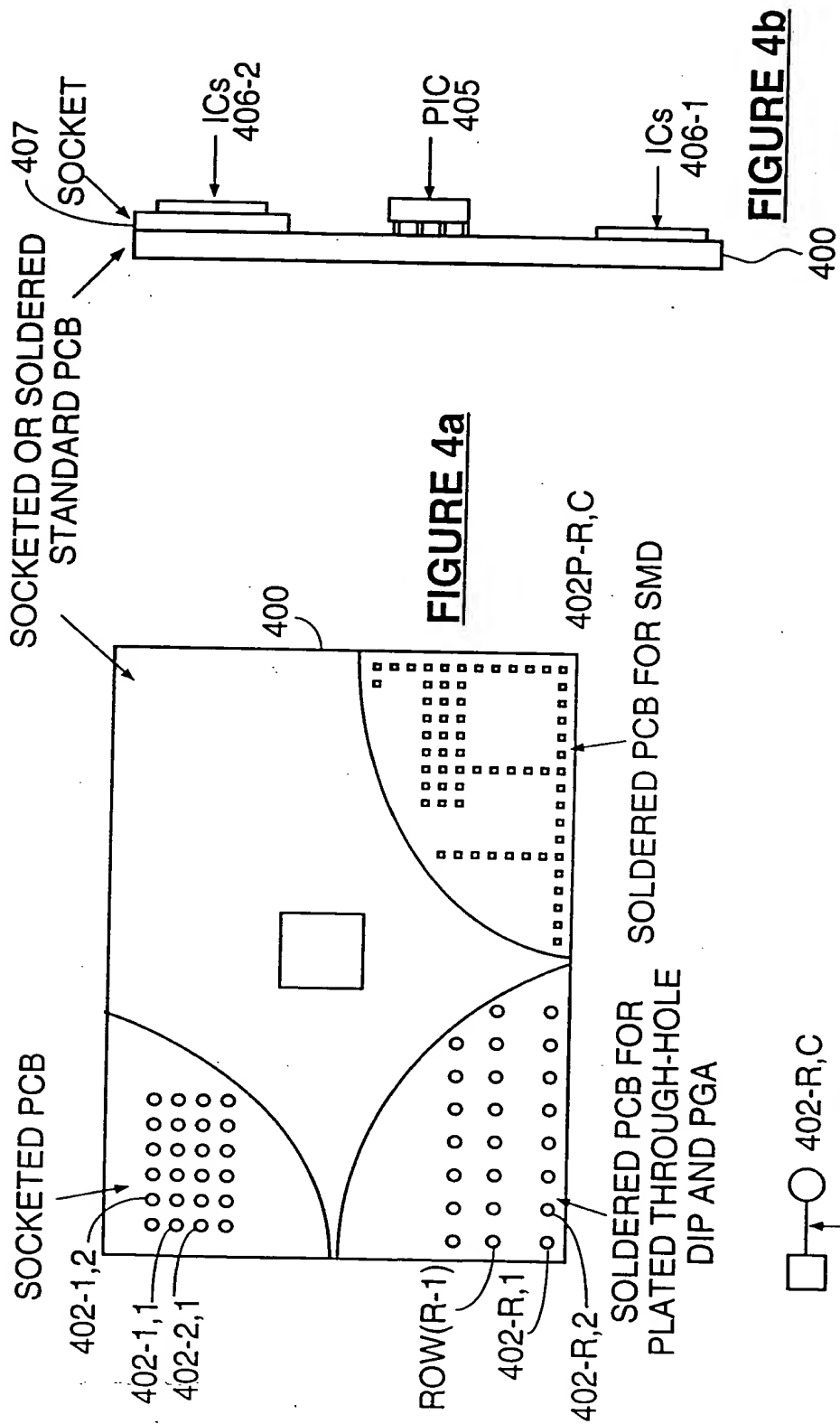


FIGURE 4a

FIGURE 4b

FIGURE 4c

[illegible]

FIGURE 5

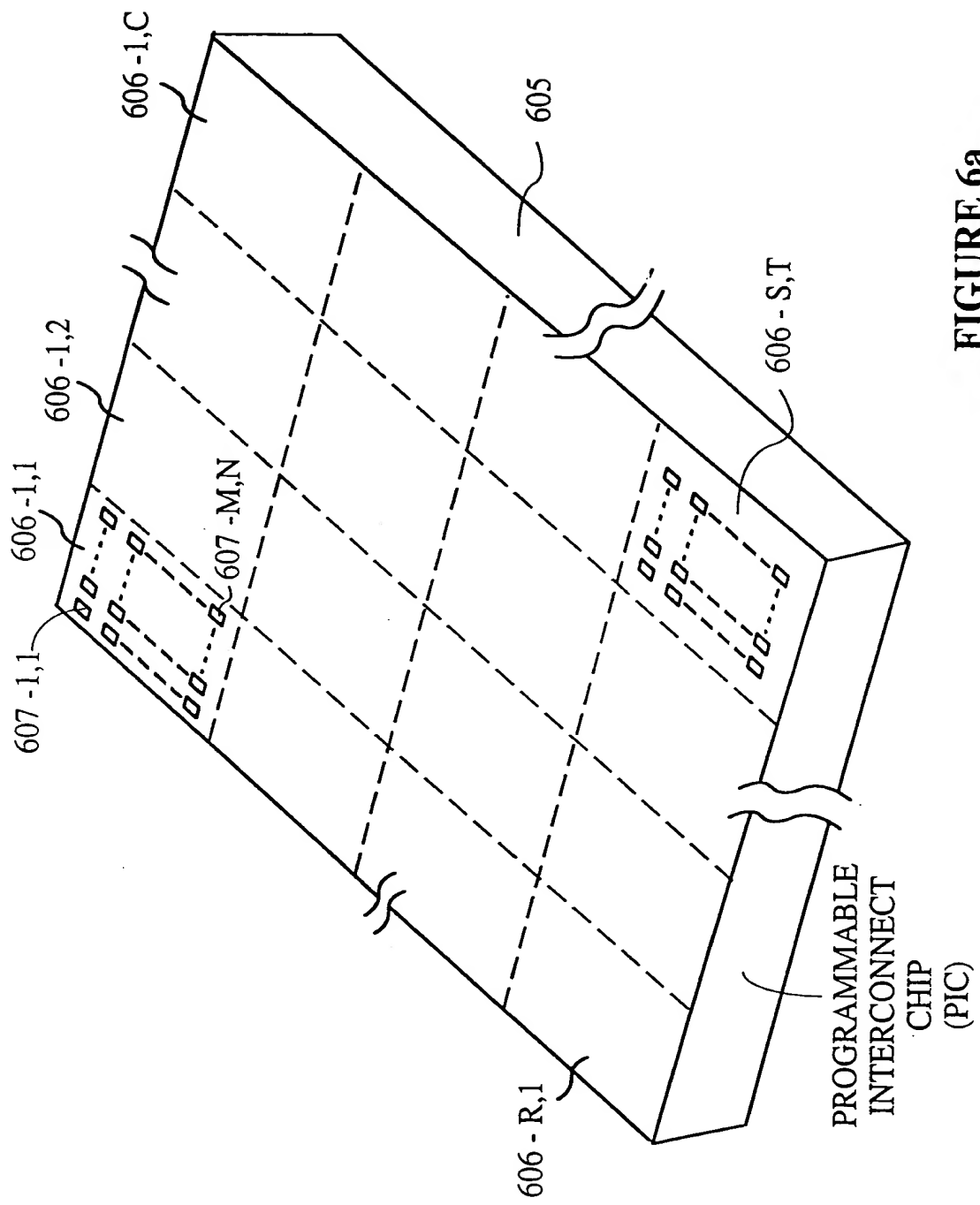


FIGURE 6a

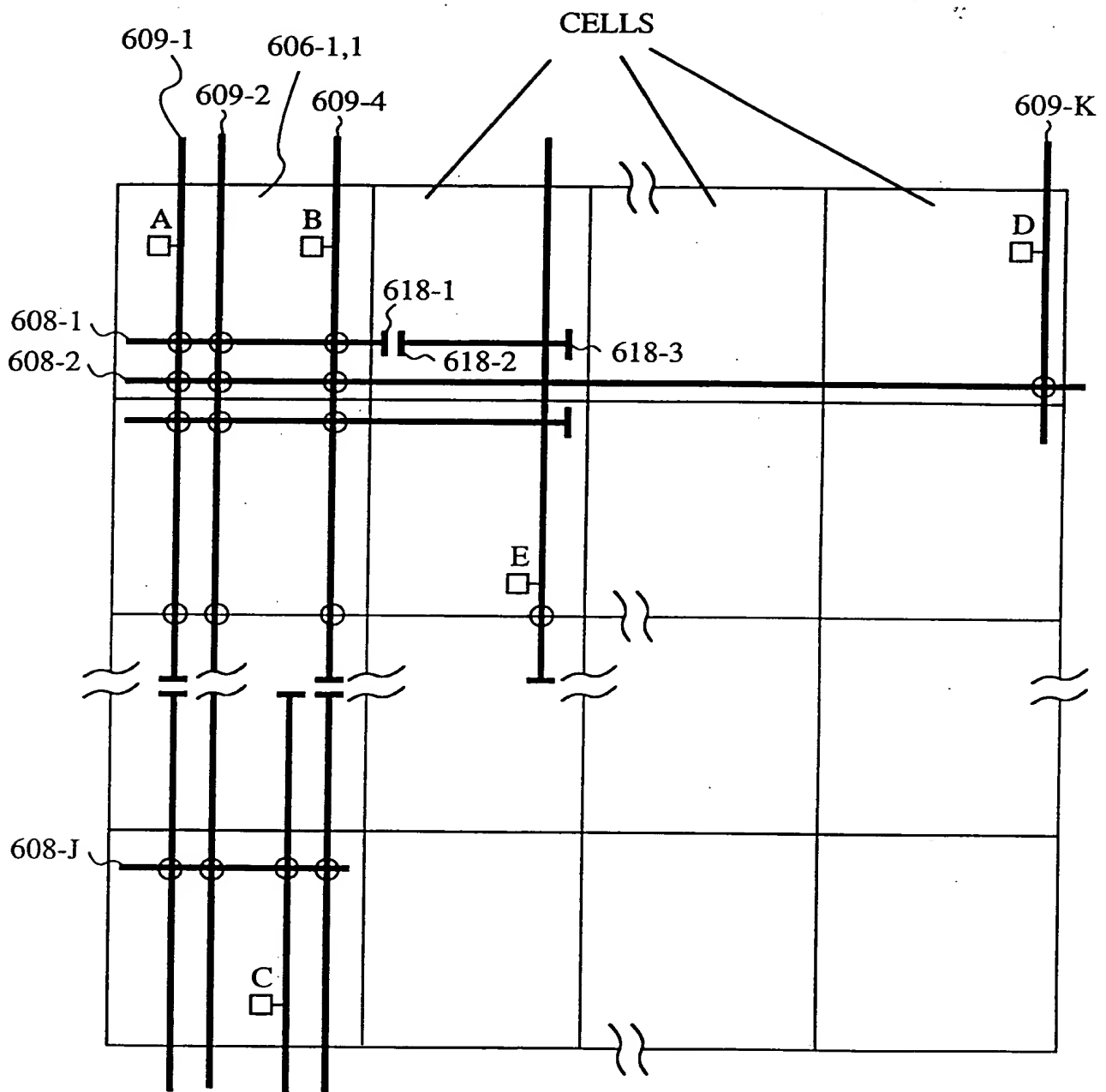


FIG. 6b

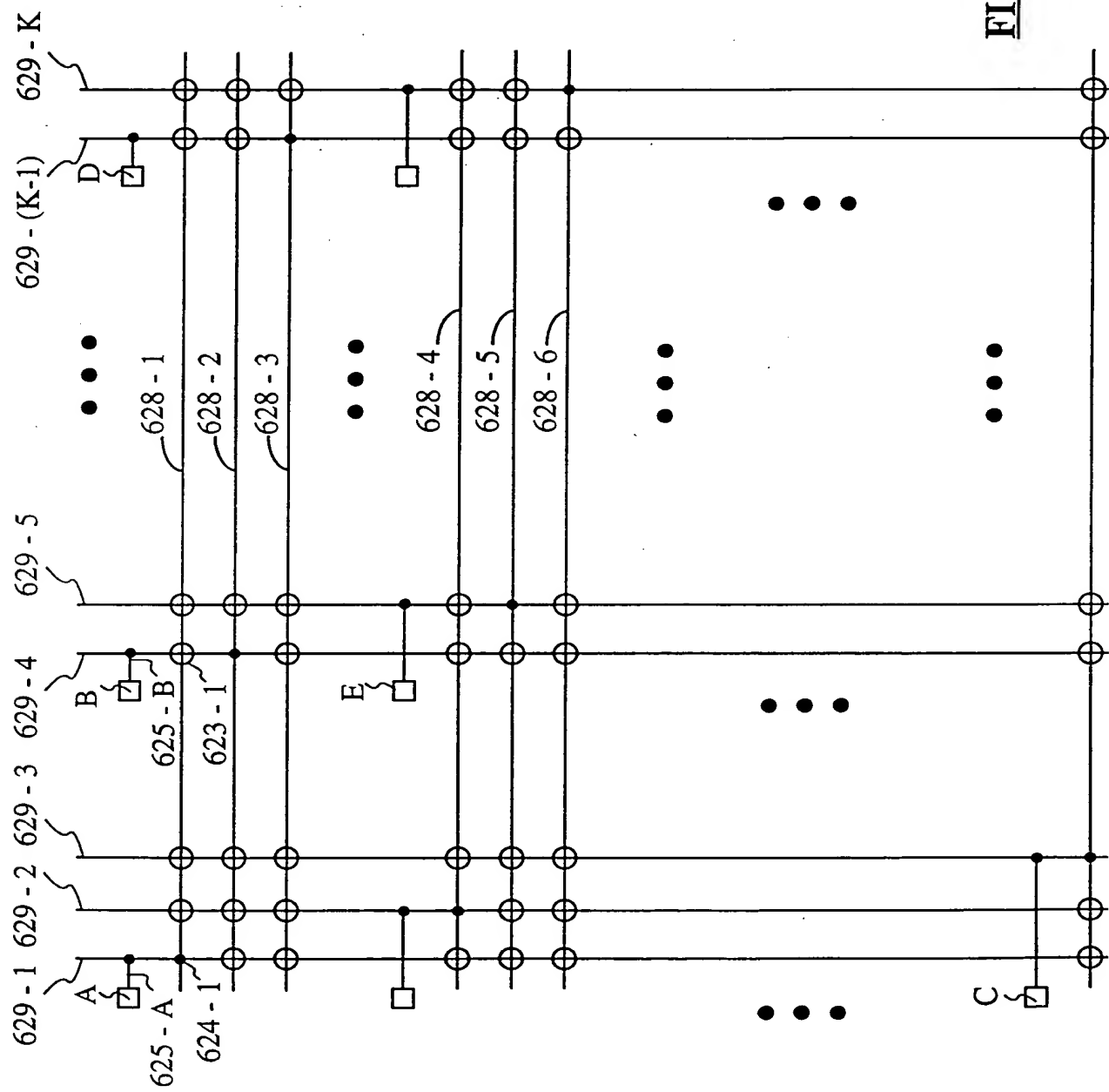


FIGURE 6c

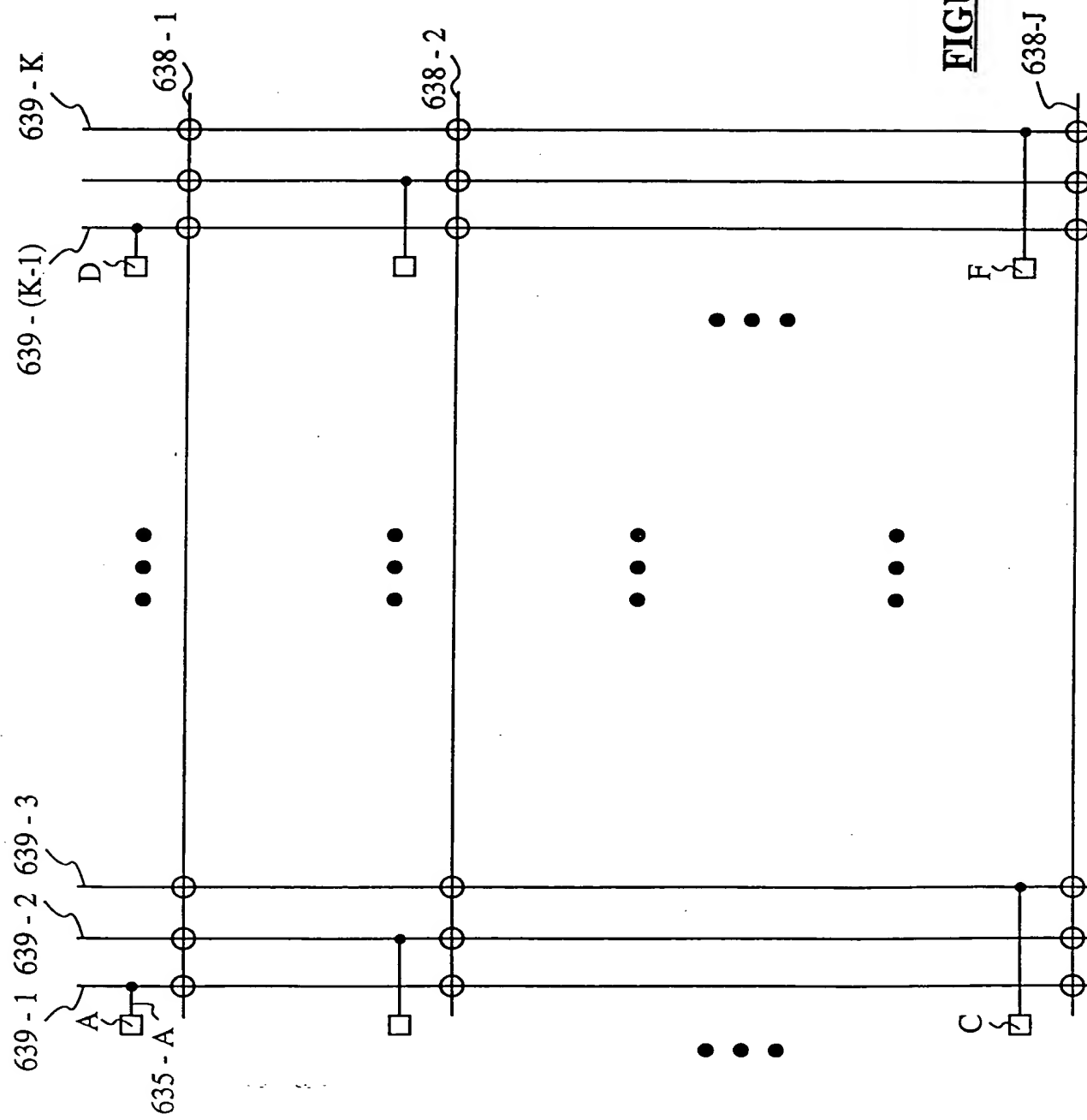


FIGURE 6d

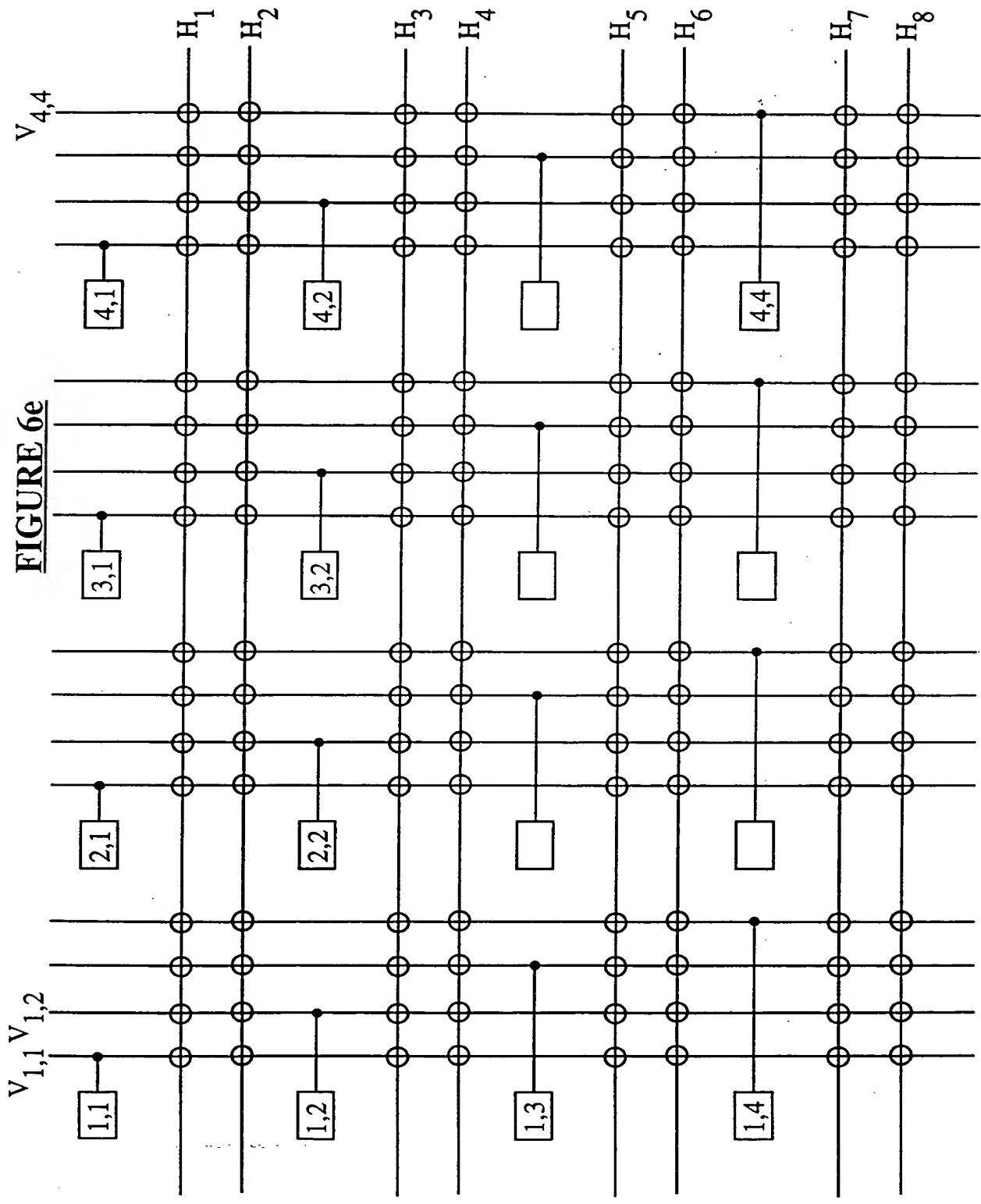


FIGURE 6e

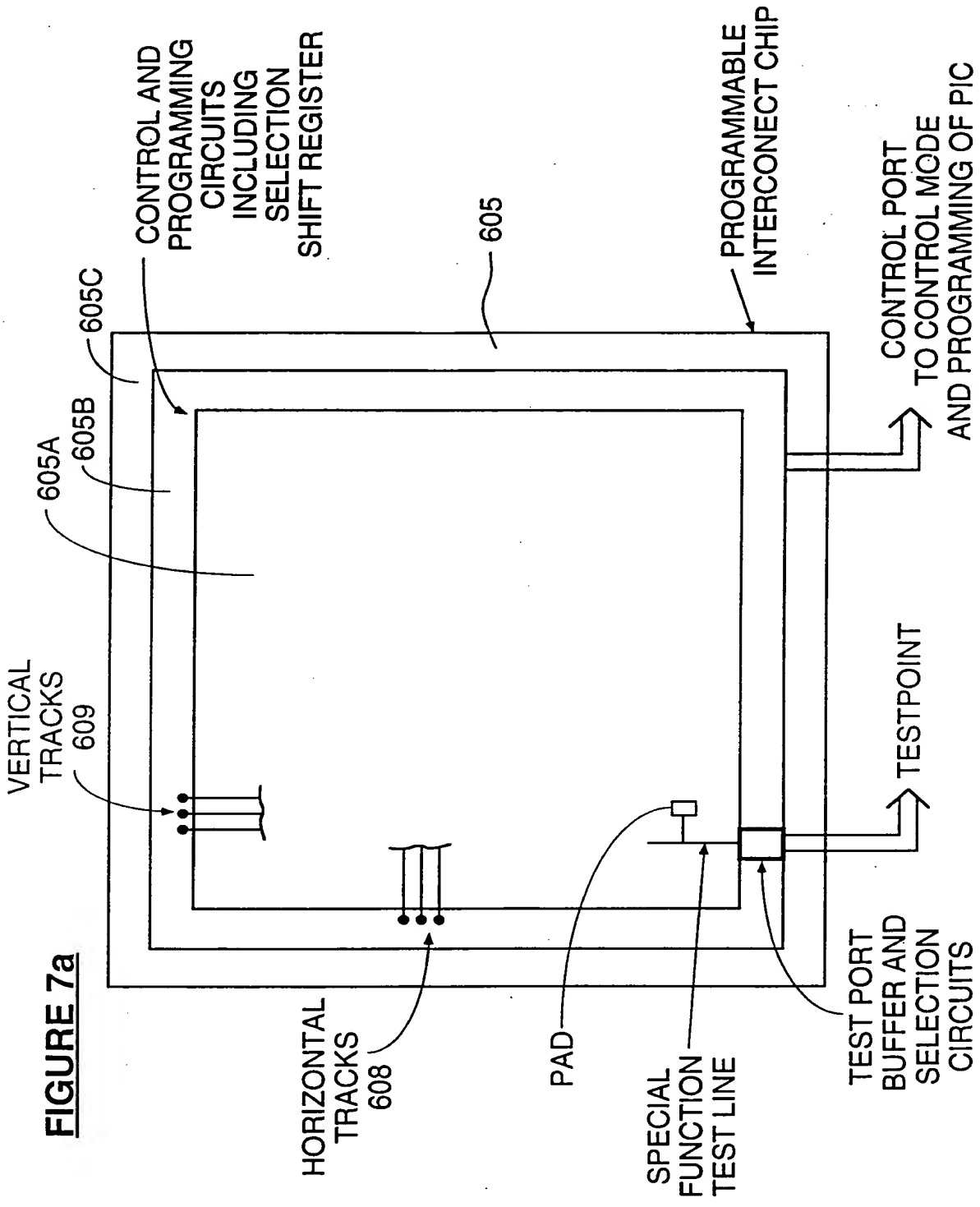


FIGURE 7a

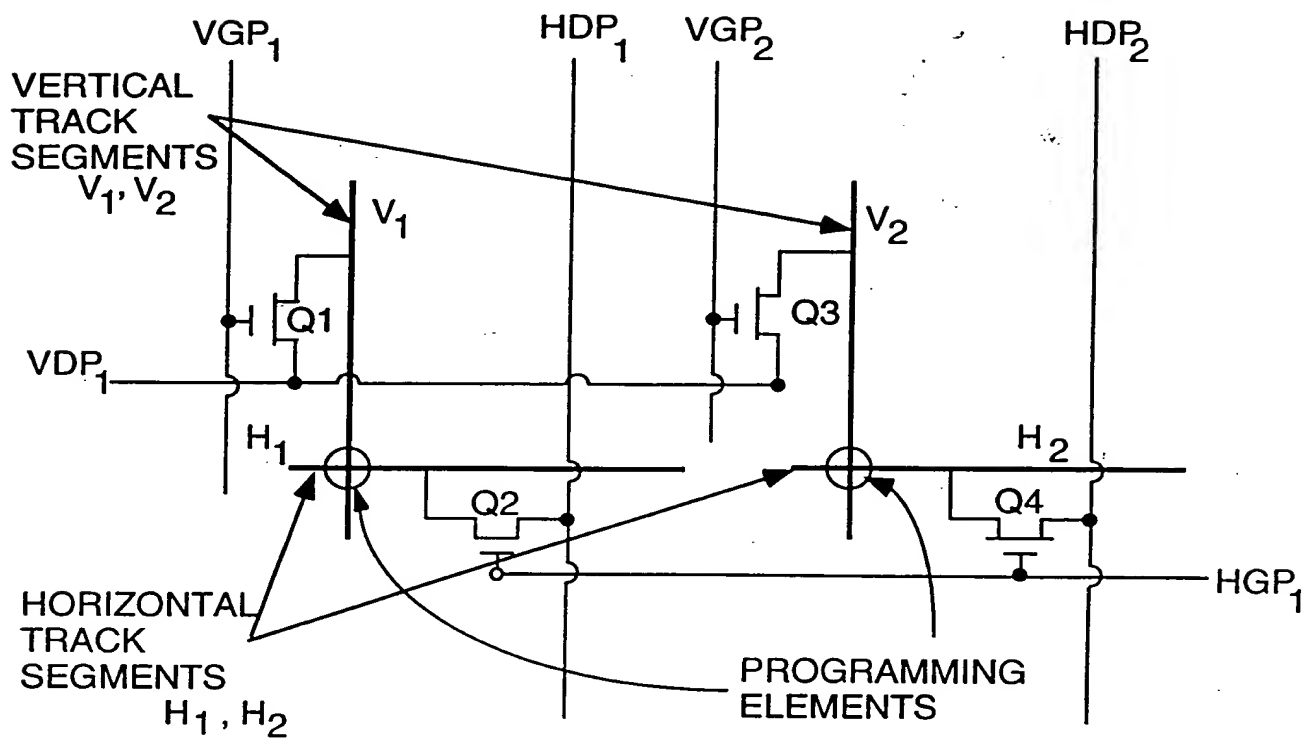


FIGURE 7b

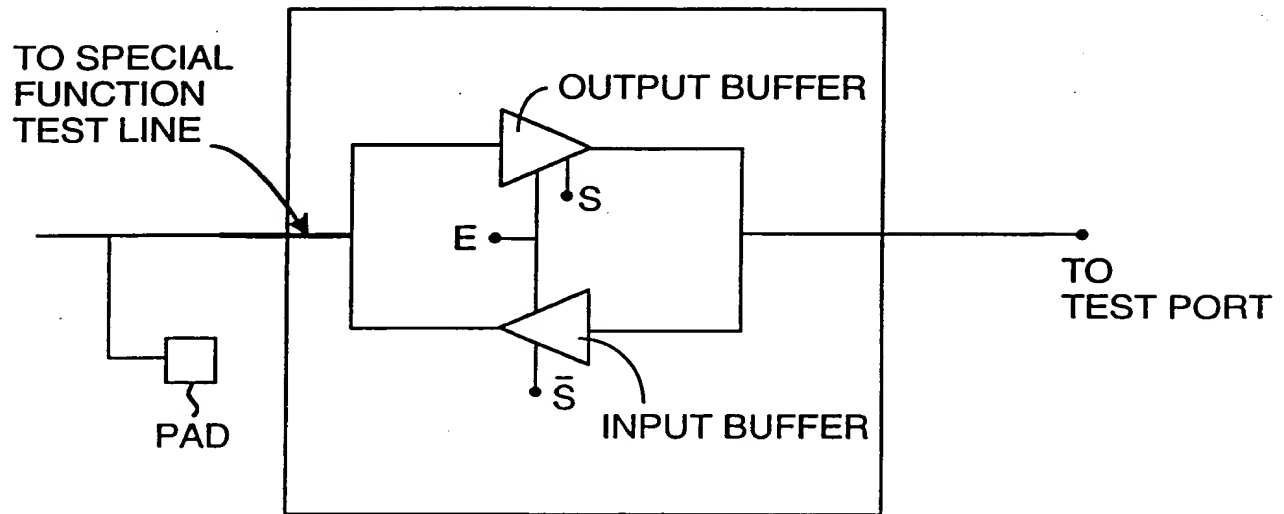
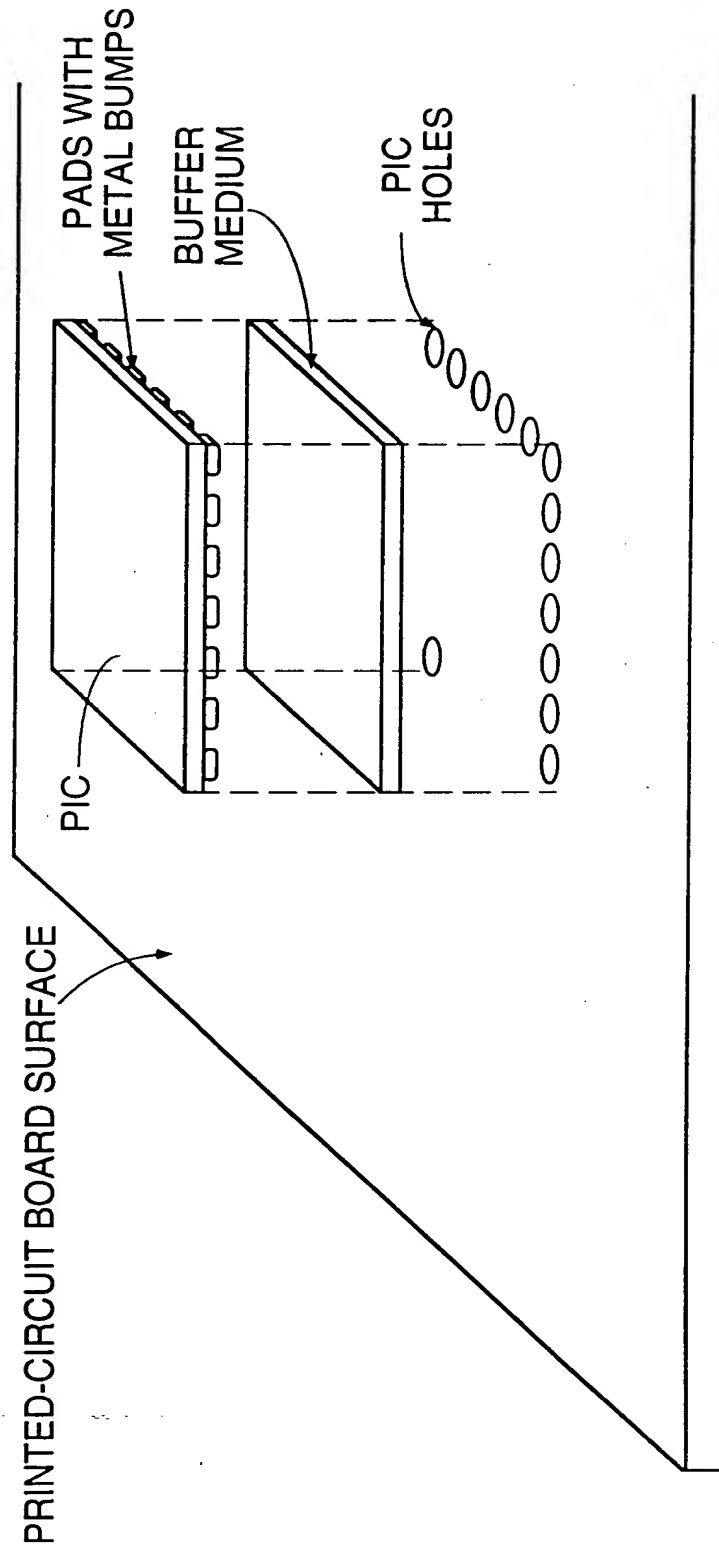


FIGURE 7c

FIGURE 8a



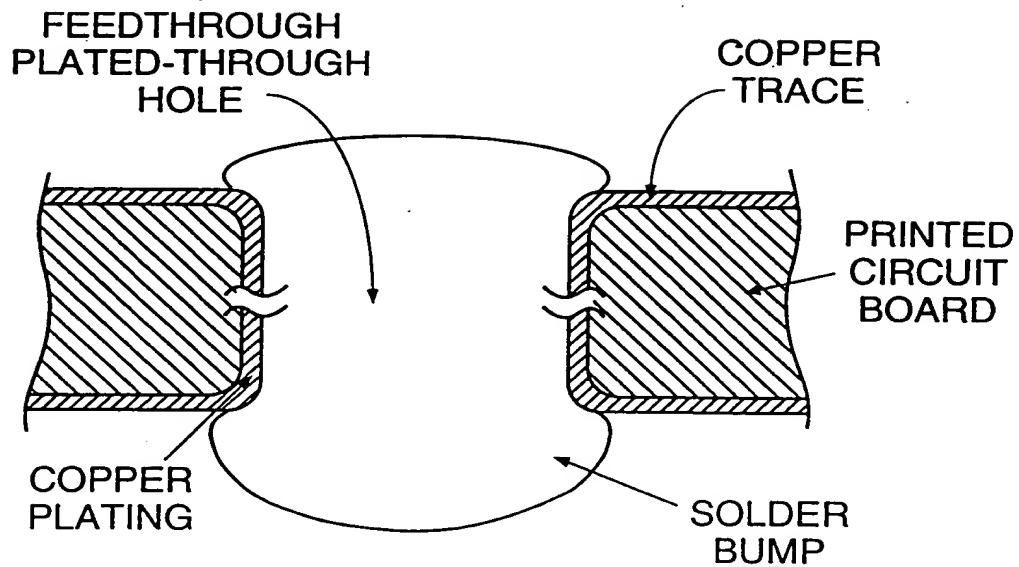


FIGURE 8b1

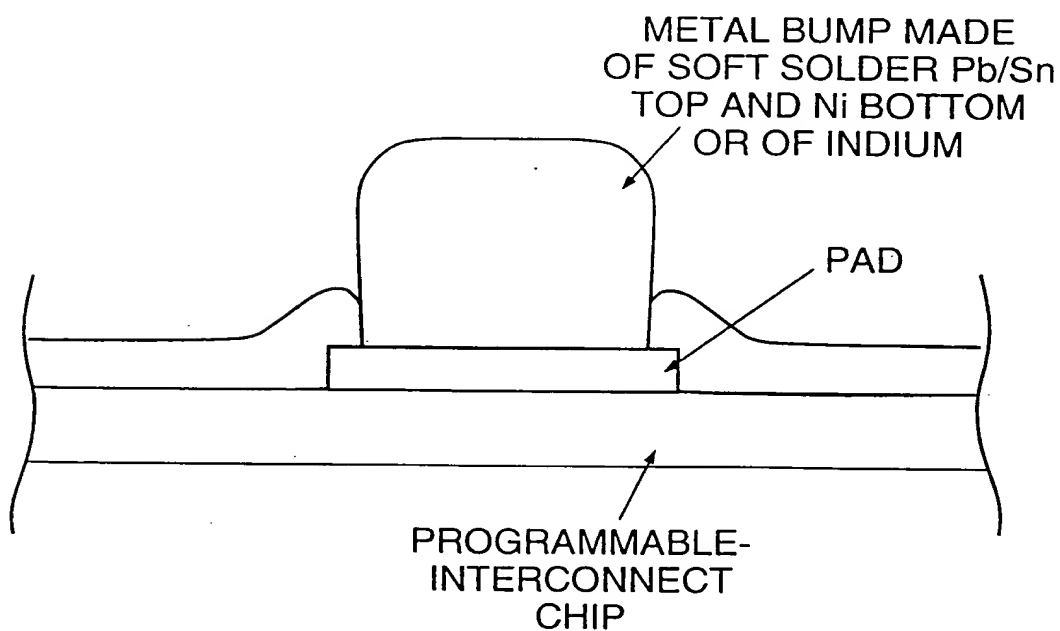


FIGURE 8b2